

**TRANSMITTAL LETTER TO THE UNITED STATES  
 DESIGNATED/ELECTED OFFICE (DO/EO/US)  
 CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

UTSG:255US

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)

10/522041

INTERNATIONAL APPLICATION NO.  
 PCT/US2003/022001

INTERNATIONAL FILING DATE  
 11 July 2003

PRIORITY DATE CLAIMED  
 19 July 2002

**TITLE OF INVENTION**

Methods and Compositions Concerning Altered Yellow Fever Virus Strains

**APPLICANT(S) FOR DO/EO/US**

Alan Barrett; Monica McArthur

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☒ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: Request to Transfer Sequence Listing; return postcard

<b>U.S. APPLICATION NO. (if known, see 37 CFR 1.5)</b> <div style="font-size: 1.5em; font-weight: bold;">10/522041</div>		<b>INTERNATIONAL APPLICATION NO.</b> PCT/US2003/022001		<b>ATTORNEY'S DOCKET NUMBER</b> UTSG:255US DT01 Rec'd PCT 19 JAN 2005	
<b>21. The following fees are submitted:</b> <div style="margin-top: 5px;"><input type="checkbox"/> a) Basic national fee..... \$300.00</div> <div style="margin-top: 5px;"><input type="checkbox"/> b) Examination fee..... \$200.00</div> <div style="margin-top: 5px;"><input type="checkbox"/> c) Search fee..... \$500.00</div> <div style="margin-top: 10px; text-align: right;"><b>TOTAL OF ABOVE CALCULATIONS = \$1000.00</b></div> <div style="margin-top: 5px;"><input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.</div>				<b>Applicant use</b>	<b>Office use only</b>
				\$	
				\$	
				\$	
				\$	
<b>Total Sheets</b>	<b>Extra sheets</b>	<b>Number of each additional 50 or fraction thereof (round up to a whole number)</b>	<b>RATE</b>		
- 100 =	/50 =		x \$250.00	\$	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
<b>CLAIMS</b>	<b>NUMBER FILED</b>	<b>NUMBER EXTRA</b>	<b>RATE</b>		
Total claims	- 20 =		x \$50.00	\$	
Independent claims	- 3 =		x \$200.00	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
<b>SUBTOTAL =</b>				\$	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
<b>TOTAL NATIONAL FEE =</b>				\$	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
<b>TOTAL FEES ENCLOSED =</b>				\$	
<b>Amount to be refunded:</b>					\$
<b>Amount to be charged</b>					\$
<div style="margin-top: 10px;"><div style="display: flex; justify-content: space-between;"><div style="width: 45%;"><p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p><p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p><p>c. <input type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. _____. A duplicate copy of this sheet is enclosed.</p><p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.</p></div><div style="width: 50%; text-align: right;"><div style="margin-top: 20px;"><div style="font-size: 1.5em; margin-bottom: 5px;">f</div><div style="border-bottom: 1px solid black; width: 100%;"></div><div style="margin-bottom: 5px;">SIGNATURE</div><div style="border-bottom: 1px solid black; width: 100%;"></div><div style="margin-bottom: 5px;">Gina N. Shishima</div><div style="margin-bottom: 5px;">NAME</div><div style="margin-bottom: 5px;">45,104</div><div style="border-bottom: 1px solid black; width: 100%;"></div><div style="margin-bottom: 5px;">REGISTRATION NUMBER</div></div></div></div></div>					
<div style="margin-top: 10px;"><b>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</b></div> <div style="margin-top: 10px;"><b>SEND ALL CORRESPONDENCE TO:</b> (Customer No. 32425) <div style="border: 1px solid black; padding: 5px; margin-top: 5px;">FULBRIGHT &amp; JAWORSKI L.L.P. 600 Congress Avenue, Suite 2400 Austin, TX 78701 (512) 474-5201</div><div style="border: 1px solid black; padding: 5px; margin-top: 5px;">EXPRESS MAIL NO.: EV 414834840 US MAILING DATE:</div></div>					

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CERTIFICATE OF EXPRESS MAIL	
Express Mail No.:	EV 414834840 US
Date of Deposit:	January 19, 2005

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
Barrett et al.

Serial No.: Unknown

Filed: Filed Herewith

For: Methods and Compositions Concerning  
Altered Yellow Fever Virus Strains

Group Art Unit: Unknown

Examiner: Unknown

Atty. Dkt. No.: UTSG:255US

**REQUEST FOR TRANSFER OF SEQUENCE LISTING UNDER 37 C.F.R. § 1.821(e)**

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Commissioner:

Pursuant to 37 C.F.R. § 1.821(e), Applicants respectfully request that the sequence information previously submitted in International Application No. PCT/US2003/022001, filed July 11, 2003, be transferred to and used in the above-referenced patent application ("instant application"). Only one computer readable sequence listing was submitted to the U.S. Patent and Trademark Office in the international application. The sequence information in the instant application is identical to the sequence information contained in the previously-filed computer readable sequence listing in the international application. It is understood that the U.S. Patent and Trademark Office will make the necessary change in application number and filing date of the computer readable form that will be used for the instant application..


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Applicants request the transfer of the previously-filed computer readable sequence listing from the international application to the instant application is in lieu of filing a duplicate computer readable sequence listing.

No fee is believed to be due in connection with the filing of this document; however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to this document, the Commissioner is hereby authorized to deduct said fee from Fulbright & Jaworski Account No.: 50-1212/UTSG:255US.

Respectfully submitted,

  
Gina N. Shishima  
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Attorney for Applicants

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Date: January 19, 2005